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Designation	Assistant Professor
Name of the department	Chemistry
Qualification	M.Sc NET Ph.D

Year	Research Paper International Journal	Research Paper National Journal	Book Publish/Chapter	Patent Publish/IPR	Resource Person	Conferences/ Seminars/ Workshop organized / attended
2014					1	3
2015						1
2016	1					3
2017	1					1
2018	2					1
2019	3				2	3
2020	5				1	2
2021	1				3	
2022	1		1			1
2023						
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Orientation / Refresher/ Short Term course/ Faculty Development Programme (FDP):	Numbers= 3
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Administrative Experience

Representation on Academic / Administrative bodies / Member of organizational bodies.

Teaching Experience: 12 Years

- Awards / Recognitions**
1. Reviewer of the Month by Material Science Research India an International Peer Reviewed Research Journal.
 2. Editorial Board Member of American Journal of Physical Chemistry (AJPC)

Research Guidance for M.Phil./Ph.D./Project

1. Recognized Ph.D. Research Guide of Savitribai Phule Pune University (Ref. No: BOD/Sci. & Tech./21/30 Dated 03/02/2023).
2. Guided 25 M.Sc students to complete their research projects.

Reviewer of Journals

1. Physical Chemistry Research
2. Results in Chemistry
3. Letters in Drug Design & Discovery.
4. Material Science Research India, An International Peer Reviewed Research Journal
5. International Journal of Research and Analytical Reviews

A research paper published / presented

1. Combined Experimental and Computational Exploration of 4-(4-Bromophenyl)-6-(3,4-dimethoxyphenyl)-5,6-dihydropyrimidin-2(1H)-one. *Asian Journal of Organic & Medicinal Chemistry*, 7(2), 2022, pp. 341-349.
2. PEG-400 mediated synthesis, computational, antibacterial and antifungal studies of fluorinated pyrazolines. *Current Research in Green and Sustainable Chemistry*, 4, 2021, pp. 100172.
3. Experimental and computational investigation on molecular structure, vibrational spectra, electronic properties, FMO and MEP analysis of 4,6-bis(4-fluorophenyl)-5,6-dihydropyrimidin-2(1H)-one: A DFT Insight. *Physical Chemistry Research*, Vol. 8, Issue 4, 2020, pp. 671-687.
4. Molecular structure, electronic, chemical and spectroscopic (UV-visible and IR) studies of 5-(4-chlorophenyl)-3-(3, 4-dimethoxyphenyl)-1-phenyl-4, 5-dihydro-1H-pyrazole: combined DFT and experimental exploration. *Material Science Research India*, 17, 2020, pp. 27-40.
5. Solvent-free grindstone synthesis of four new (E)-7-(arylidene)-indanones and their structural, spectroscopic and quantum chemical study: a comprehensive theoretical and experimental exploration. *Molecular Simulation*, 46(14), 2020, pp. 1045-1054.
6. Synthesis and DFT based quantum chemical studies of 2-(3-bromophenyl)-4-(4-bromophenyl)-2,3-dihydro-1H-1,5-benzodiazepine. *Journal of Advanced Scientific Research*, Vol. 11 Suppl. 2, 2020, pp. 87-94.
7. Molecular structure, frontier molecular orbital and spectroscopic examination on dihydropyrimidinones: A comparative computational approach. *Journal of Advanced Scientific Research*, Vol. 11 Suppl. 2, 2020, pp. 64-70.
8. Synthesis, characterization and DFT investigation of 4-(4-bromophenyl)-6-(4-fluorophenyl)-5,6-dihydropyrimidin-2(1H)-one. *International Journal of Research and Analytical Reviews*, Vol. 6, Issue 1, 2019, pp. 330-337.
9. Synthesis and DFT studies of 4-(3,4-dimethoxyphenyl)-2-(4-fluorophenyl)-2,3-dihydro-1H-1,5-benzodiazepine. *Ajanta*, Vol. VIII(I), 2019, pp. 132-139.
10. Synthesis, Characterization and Theoretical Study of 3-(4-bromophenyl) -5-(2,4-dichlorophenyl)-1-phenyl-4,5-dihydro-1H-pyrazole. *Journal of Applicable Chemistry*, Vol. 8(1), 2019, pp. 12-19.
11. A Synthesis of Chalcones and Study of their Antimicrobial Activities, *Researchers World*, Vol. 9, 2018, pp. 161-164.
12. DFT study of (2E)-3-(furan-2-yl)-1-(2-hydroxyphenyl) prop-2-en-1-one. *Researchers World*, Vol. 7, Issue 4(4), 2016, pp. 74-78.
13. Some Innovative Methods to Make Teaching More Effective. *Vidyawarta International Multilingual Refereed Research Journal*, Special Issue, 2018, pp. 69-72.
14. Need to Rethink the Policy on Eco-Friendly Nature of Electric Vehicles, *Galaxy Link*, Vol. X(I), 2021, pp. 85-90.

15. Presented paper entitled 'Women Nobel Laureates and their Research Work in the Field of Science' in the National Conference on 'Women Empowerment' on 23-24 Oct 2013, organized by S.P.H. Mahila College Malegaon.
16. Presented paper entitled 'A Facile Synthesis and Biological Evaluation of Novel Chalcones as a new class of Potent Antimicrobial agents' in the International Conference on 'Global Opportunities for Latest Developments in Chemistry and Technology' on 06-08 Feb 2014, organized by North Maharashtra University, Jalgaon.
17. Presented paper entitled 'Synthesis and Vibrational Spectra of (2E)-1-(2-Hydroxyphenyl)-3-(3-Nitrophenyl)Prop-2-en-1-One' in the National Conference on 'Emerging Trends in Chemistry and Nanosciences' on 20-21 Jan 2017, organized by L.V.H.Arts,Sci and Comm. College Panchavati, Nashik.
18. Presented paper entitled 'Synthesis and Theoretical Study of some Pyrimidines' in the National Conference on 'Modern Trends in Green Chemistry, Medicinal Chemistry and Environmental Science' on 13-14 Feb 2019, organized by K.V.N. Naik College, Canada Corner, Nashik.
19. Presented paper entitled 'Experimental and Computational Study of 4-(3,4-Dimethoxyphenyl)-6-(4-Fluorophenyl)-5,6-Dihydropyrimidin-2(1H)-One' in the National Conference on 'Advances in Chemical Sciences' on 31 Aug 2019, organized by Yashwant Mahavidyalay Nanded.
20. Presented paper entitled 'Synthesis, Characterization, Computational Investigation and Antimicrobial Evaluation of Benzodiazepines' in the International Conference on 'Drug Discovery and Development: Lab to Clinic (DDD LC-2020)', on 17-18 Jan 2020, organized by S.R.T.M. University, Nanded.
21. Presented paper entitled 'Experimental and Computational Investigation of 2-(3-Bromophenyl)-4-(2,4-Dichlorophenyl)-2-3-Dihydro-1H-1,5-Benzodiazepine' in the State level conference on 'Innovative Nano materials has better future in basic sciences' on 20-21 Jan 2020, organized by M. J. M College Karanjali, Tal- Peth, Dist-Nashik.

Books published / chapter in a book:

1. Research Methodology, Research Trends in Multidisciplinary Research, Vol. 37, AkiNik Publications New Delhi, 2022, pp. 67-95.

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP):

Sr. No.	Course	Title	Organizer	Duration	Dates
1	Orientation Programme	Orientation Programme	Punjabi University, Patiala	28 days	18/05/2016 to 14/06/2016
2	Refresher Course	Teaching, Learning and Evaluation (Chemistry)	MGV's L.V.H. College, Panchavati, Nashik (S.P.P.U. Pune)	21 days	11/10/2018 to 31/10/2018
3	Online Refresher Course	Online Refresher Course in	S.G.T.B. Khalsa College,		01/12/2020 to 31/03/2021

		Chemistry for Higher Education	University of Delhi (SWAYAM ARPIT)		
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Conferences/Seminars/ Workshop organized / attended

Sr. No.	Level	Title of the conference	Organizer	Year
1	State Level	Overview on Analytical Instrumentation	K.T.H.M. College, Nashik	13 Aug 2016
2	State Level	Recent Development and Future Challenges in Chemical Sciences	Arts, Science and Commerce College, Nandgaon.	22-23 Jan 2016
3	State Level	Recent Trends in Spectroscopy	Arts, Science and Commerce College, Surgana	16 Jan 2015
4	National Level	Advanced Analytical Techniques in Chemistry and Pharmacy	M.S.G College Malegaon Camp, Malegaon	08-09 Oct. 2013

Experience as Resource Person for:

1. Resource Person in Ph.D Course Work, L.V.H College Panchavati, Nashik, 10 Feb 2023.
2. Resource Person in National Workshop for NET/SET Exam Guidance, Arts Science and Commerce College, Manmad, Nashik, 25 Sept 2021.
3. Resource Person in National Workshop for NET/SET Exam Guidance, S.S.G.M. College, Kopargaon, Dist- Ahmednagar, 24 Sept 2021.
4. Resource Person in National Workshop for NET/SET Exam Guidance, L.V.H College Panchavati, Nashik, 30 Aug 2021.
5. Resource Person in National Workshop for NET/SET Exam Guidance, Arts Science and Commerce College, Manmad, Nashik, 18 July 2020.
6. Resource Person in State level Workshop for NET/SET Exam Guidance, J.A.T. College Malegaon, 07-08 Dec 2019.
7. Chair Person in National conference on Modern Trends in Green Chemistry, Medicinal Chemistry and Environmental Science organized by K.V.N. Naik College, Canada Corner, Nashik on 13-14 Feb 2019.
8. Resource Person in National Workshop for NET/SET Exam Guidance, L.V.H College Panchavati, Nashik, 10-11 Dec 2014.

E-content developed link:

1. https://docs.google.com/presentation/d/1nl6IoULvBj5R5s4zR8TuTN9esllvYYK9/edit?usp=share_link&oid=114229285249707571355&rtpof=true&sd=true
2. https://docs.google.com/presentation/d/1nzgAeK_M5GsaVvWz0qCQzQyHYIa44S-h/edit?usp=share_link&oid=114229285249707571355&rtpof=true&sd=true
3. https://docs.google.com/presentation/d/194hEp5on9AZ06bS3UWmtpO1yt5wvlns/edit?usp=share_link&oid=114229285249707571355&rtpof=true&sd=true
4. https://docs.google.com/presentation/d/1m_Qz83kzW09_W0ZS_kJG7JdikwNB2Icz/edit?usp=share_link&oid=114229285249707571355&rtpof=true&sd=true

